



13281 U.S. PTO

121503

PTO/SB/05 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032  
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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>		Attorney Docket No. <b>1244.43343X00</b>	
(Only for new nonprovisional applications under 37 CFR 1.53(b))		First Inventor <b>DEDIEU, STEPHANE</b>	
		Title <b>METHOD FOR EXTENDING THE FREQUENCY RANGE OF A BEAMFORMER WITHOUT SPATIAL ALIASING</b>	
		Express Mail Label No.	
<b>APPLICATION ELEMENTS</b> SEE MPEP chapter 600 concerning utility patent application contents.		<b>ADDRESS TO:</b> Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450	
<div style="display: flex; justify-content: space-between;"><div style="width: 48%;"><p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)</p><p>2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p><p>3. <input checked="" type="checkbox"/> Specification [Total Pages: <b>14</b>] (preferred arrangement set forth below) -Descriptive title of the invention -Cross Reference to Related Applications -Statement Regarding Fed sponsored R &amp; D -Reference to sequence listing, a table, or a computer program listing appendix -Background of the Invention -Brief Summary of the Invention -Brief Description of the Drawings (if filed) -Detailed Description -Claim(s) -Abstract of the Disclosure</p><p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets: <b>17</b>]</p><p>5. Oath or Declaration [Total Sheets: <b>3</b>] a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed) i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) Named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)</p><p>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p></div><div style="width: 48%;"><p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p><p>8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies</p></div></div>			
<b>ACCOMPANYING APPLICATION PARTS</b>			
<p>9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet &amp; documents(s))</p> <p>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee) <input checked="" type="checkbox"/> Power of Attorney</p> <p>11. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</p> <p>16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>17. <input checked="" type="checkbox"/> Other: <b>Figs. 1-10, Credit Card Payment Form</b></p>			
<p>18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:</p> <p><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.:</p> <p>Prior application information: Examiner: _____ Art Unit: _____</p> <p>For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts.</p>			
<b>19. CORRESPONDENCE ADDRESS</b>			
<input checked="" type="checkbox"/> Customer Number <b>020457</b> OR <input type="checkbox"/> Correspondence address below			
Name <b>ANTONELLI, TERRY, STOUT &amp; KRAUS, LLP</b>			
Address			
City	State	Zip Code	
Country	Telephone <b>(703) 312-6600</b>	Fax <b>(703) 312-6666</b>	
Name (Print/Type) <b>Donald E. Stout</b>	Registration No. (Attorney/Agent)		<b>26,422</b>
Signature	Date		<b>December 15, 2003</b>

22141 U.S. PTO  
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This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**FEE TRANSMITTAL  
for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)** 810.00**Complete if Known**

Application Number	
Filing Date	December 15, 2003
First Named Inventor	DEDIEU, STEPHANE
Examiner Name	
Art Unit	
Attorney Docket No.	1244.43343X00

**METHOD OF PAYMENT (check all that apply)**☐ Check ☒ Credit Card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit  
Account  
Number  
Deposit  
Account  
Name

01-2135

Antonelli, Terry, Stout &amp; Kraus, LLP

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) during the pendency of this application.☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code	Entity Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	770.00
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
<b>SUBTOTAL (1)</b>					<b>770.00</b>

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

	Extra Claims	Fee from below	Fee Paid
Total Claims	12	-20** = 0 x 18	= 0
Indep. Claims	3	-3** = 0 x 86	= 0
Multiple Dependent		290	= 0

Large Entity Fee Code	Small Entity Fee Code	Fee Description
1202	2202	9 Claims in excess of 20
1201	2201	43 Independent claims in excess of 3
1203	2203	145 Multiple dependent claim, if not paid
1204	2204	43 ** Reissue independent claims over original patent
1205	2205	9 ** Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2) \$</b> 0.00		

\*\*or number previously paid, if greater; For Reissues, see above.

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Small Entity

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee Description
1051	2051	130	65 Surcharge - late filing fee or oath
1052	2052	50	25 Surcharge - late provisional filing fee or cover sheet
1053	1053	130	130 Non-English specification
1812	1812	2,520	2,520 For filing a request for <i>ex parte</i> reexamination
1804	1804	920*	920* Requesting publication of SIR prior to Examination action
1805	1805	1,840*	1,840* Requesting publication of SIR after Examiner action
1251	2251	110	55 Extension for reply within first month
1252	2252	420	210 Extension for reply within second month
1253	2253	950	475 Extension for reply within third month
1254	2254	1,480	740 Extension for reply within fourth month
1255	2255	2,010	1,005 Extension for reply within fifth month
1401	2401	330	165 Notice of Appeal
1402	2402	330	165 Filing a brief in support of an appeal
1403	2403	290	145 Request for oral hearing
1451	1451	1,510	1,510 Petition to institute a public use proceeding
1452	2452	110	55 Petition to revive - unavoidable
1453	2453	1,330	665 Petition to revive - unintentional
1501	2501	1,330	665 Utility issue fee (or reissue)
1502	2502	480	240 Design issue fee
1503	2503	640	320 Plant issue fee
1406	1460	130	130 Petitions to the Commissioner
1807	1807	50	50 Processing fee under 37 CFR 1.17(q)
1806	1806	180	180 Submission of Information Disclosure Stmt
8021	8021	40	40 Recording each patent assignment per property (times number of properties)
1809	2809	770	385 Filing a submission after final rejection (37 CFR § 1.129(a))
1810	2810	770	385 For each additional invention to be examined (37 CFR § 1.129(b))
1801	2801	770	385 Request for Continued Examination (RCE)
1802	1802	900	900 Request for expedited examination of a design application

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$)**

Fee Paid

40.00

40.00

**SUBMITTED BY****Complete (if applicable)**

Name (Print/Type)	Donald E. Stout	Registration No. (Attorney/Agent)	26,422	Telephone	703-312-6600
Signature		Date	12/15/2003		

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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